

## DYESS AIR FORCE BASE (EFFLUENT WATER PROJECT)

381 Third Street  
Dyess AFB, Texas 79607



### **NEEDS:**

In west Texas, Dyess AFB had been under extreme-drought water restrictions for years. To ease the stress on the nearby city of Abilene's potable water supply, Dyess began using the city's effluent water for irrigation. Dyess also entered into an Energy Performance Contract to add two 11M-gallon holding reservoirs, two pump stations, and three miles of distribution piping. The project reduces annual potable water consumption by 160 million gallons and saves the base \$300,000 a year. It also saves the city a highly valued 2% of its water supply. Siemens provided turnkey engineering and construction (design-build), and performance assurance services.

### **CONSERVATION OPPORTUNITIES IMPLEMENTED:**

- Excavation of two 11M-gallon reservoirs
- Three miles of distribution piping

### **THE BENEFITS INCLUDED:**

- Relieved drain on Abilene's potable water supply
- Single source accountability
- Turnkey design/construction, M&V

### **FINANCIALS & GUARANTEES:**

- Contracting method: Guaranteed Savings
- Contract Amount: \$3.3M
- Current Status: Completed Winter 2003
- Guaranteed Annual Savings: \$300,000 a year in water (kgal)
- Term: 11 Years

Our Performance Contracting Team is currently developing a cutting edge Waste-to-Energy Project at Dyess AFB with the City of Abilene to turn solid waste into a gas, fed into turbines, to generate electricity.

As a courtesy to our customers, we ask that you please contact the Siemens Representative for this project prior to contacting the customer. Thank you.

Siemens Project Representative: Mark Krog (972) 550-8488

Customer Contact: Tom Denslow (915) 696-5628